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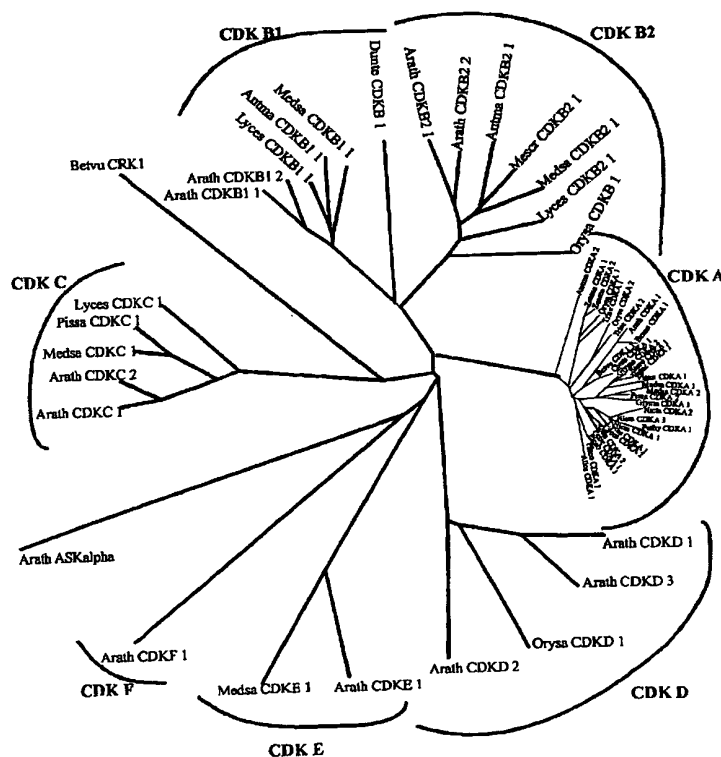
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(54) Title: PLANTS HAVING MODIFIED GROWTH CHARACTERISTICS AND METHOD FOR MAKING THE SAME



(57) Abstract: The present invention concerns a method for modifying the growth characteristics of plants by modulating expression in a plant of a B-type CDK nucleic acid and/or modulating activity and/or levels in a plant of a B-type CDK protein. The invention also relates to transgenic plants having modified growth characteristics, which plants have modulated expression of a B-type CDK nucleic acid and/or modulated activity and/or levels in a plant of a B-type CDK protein relative to expression, activity and/or levels in corresponding wild-type plants. The present invention also provides a novel screening method for the identification of mutant CDKs having enhanced CDK activity relative to corresponding non-mutated CDKs. The present invention also provides a novel screening method for the identification of non-active CDKs that are able to bind to CKIs (cyclin dependent kinase inhibitors). The invention also provides mutant CDKs obtainable by the screening methods according to the invention.

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